

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Shaw Road Drums - Removal Polrep
Initial and Final Removal Polrep

US EPA RECORDS CENTER REGION 5



436732



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Removal Initiation/Completion
Shaw Road Drums
C5K6
Clyde, OH
Latitude: 41.3042201 Longitude: -82.9751920

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Date: 10/11/2012

Reporting Period: October 9, 2012 through October 10, 2012

1. Introduction

1.1 Background

Site Number:	C5K6	Contract Number:	
D.O. Number:	0116	Action Memo Date:	9/14/2012
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/9/2012	Start Date:	10/9/2012
Demob Date:	10/10/2012	Completion Date:	10/10/2012
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA Incident Category - historic drum dump

1.1.2 Site Description

1.1.2.1 Location

The site is located on a residential property in a rural area of Clyde, Sandusky County, Ohio. The property is approximately 25 acres in size and is comprised mainly of active farmland (20 acres), with a residential portion occupying approximately 1 acre. The rest of the property is heavily wooded. Other farmland and residential properties surround the site.

1.1.2.2 Description of Threat

Drums were historically dumped in the woods on the property. All of the drums were empty; however soil tests surrounding the drums revealed that high levels of lead were present in the surface soils.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On June 13, 2012, US EPA and their Superfund Technical Assistance and Response Team Contractor mobilized to the site to perform a site assessment. Geophysical techniques were used to determine if there were any evidence of buried drums and the only metal readings that were indicated were in the area that the surface drums were located. Four surface soil samples were collected and lead was detected in one sample at 4,700 milligrams per kilogram (mg/kg) and the Toxicity Characteristic Leaching Procedure (TCLP) result was 7.8 milligrams per Liter (mg/L) indicating that the soil was hazardous waste. Other pollutants such as chromium and cadmium were present at hazardous levels.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On September 14, 2012 an Action Memorandum was signed authorizing the expenditure of funds for a fund level removal action. The Emergency and Rapid Response Services (ERRS) Contractor was contracted and a site inspection was conducted with the US EPA OSC on September 27, 2012.

On October 9, 2012 US EPA and the ERRS contractor mobilized to the site to begin removal activities. The contractor

drums were crushed and removal of the surface soil was initiated. An X-Ray Fluorescence (XRF) instrument was used to determine the lead content of the soil as removal activities progressed. Excavation progressed until the readings were below 400 mg/kg. During the course of excavation, multicolored dried material was discovered that was similar to dried paint. XRF readings of the colored material revealed lead content at greater than 10 percent (upper limit of the XRF).

As excavations continued to remove the colored material, 4 drums were discovered at 2 feet below the ground surface and were removed. The drums were rusted and leaking their contents. Two of the drums contained the multi-colored material found in the surface soils and the other two drums were empty. The excavated material was staged on site for disposal the following day. Once excavation was complete the area was graded for drainage.

On October 10, 2012, US EPA and the ERRS contractor returned to the site to finalize the site grading. XRF readings were collected in the excavated area and 3 soil samples were collected for total and TCLP lead analysis. The excavated material was loaded into trucks for transportation and disposal at the Michigan Disposal Waste Treatment Plant located in Belleville, Michigan. Approximately 100 tons of contaminated soil and debris were removed from the site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Due to the age and condition of the drums, a source of the drums could not be determined. The US EPA Enforcement team will perform Enforcement Activities as appropriate.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
D008	Soil	EST 22 Tons	010310300JJK	Stabilization	Michigan Disposal Waste Treatment Plant, Belleville, MI
D008	Soil	EST 22 Tons	010310301JJK	Stabilization	Michigan Disposal Waste Treatment Plant, Belleville, MI
D008	Soil	EST 22 Tons	010310302JJK	Stabilization	Michigan Disposal Waste Treatment Plant, Belleville, MI
D008	Soil	EST 22 Tons	010310303JJK	Stabilization	Michigan Disposal Waste Treatment Plant, Belleville, MI

R5 Priorities Summary		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	NA
	Cubic yards of contaminated sediments removed and/or capped	NA
	Gallons of oil/water recovered	NA
	Acres of soil/sediment cleaned up in floodplains and riverbanks	NA
Stand Alone Assessment	Acres Protected	0.03

	Number of contaminated residential yards cleaned up	1
	Human Health Exposures Avoided	1
	Number of workers on site	3
Contaminant(s) of Concern		
Contaminant(s) of Concern	Lead and Chromium	

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

None -- Removal complete

2.2.1.2 Next Steps

None

2.2.2 Issues

Due to the condition and age of the drums a source of the drums could not be identified.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$35,000.00	\$25,000.00	\$10,000.00	28.57%
Intramural Costs				
USEPA - Direct	\$5,000.00	\$2,000.00	\$3,000.00	60.00%
Total Site Costs	\$40,000.00	\$27,000.00	\$13,000.00	32.50%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Cost accounting data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim.

cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

A Site-specific HASP was prepared for the site. A tailgate safety meeting was held prior to the start of each c work activities

2.5.2 Liaison Officer

2.5.3 Information Officer

3. Participating Entities

No information available at this time.

4. Personnel On Site

1 EPA OSC

2 ERRS -- EQM (Inland Waters of Ohio)

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.